

Jun Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7261205/publications.pdf>

Version: 2024-02-01

31
papers

1,453
citations

623699

14
h-index

477281

29
g-index

32
all docs

32
docs citations

32
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	Chinese cave records and the East Asia Summer Monsoon. <i>Quaternary Science Reviews</i> , 2014, 83, 115-128.	3.0	452
2	Ice-shelf collapse from subsurface warming as a trigger for Heinrich events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13415-13419.	7.1	278
3	Correlation and anti-correlation of the East Asian summer and winter monsoons during the last 21,000 years. <i>Nature Communications</i> , 2016, 7, 11999.	12.8	135
4	Younger Dryas cooling and the Greenland climate response to CO ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11101-11104.	7.1	85
5	Possible obliquity-forced warmth in southern Asia during the last glacial stage. <i>Science Bulletin</i> , 2021, 66, 1136-1145.	9.0	71
6	Deglacial $\delta^{18}O$ and hydrologic variability in the tropical Pacific and Indian Oceans. <i>Earth and Planetary Science Letters</i> , 2014, 387, 240-251.	4.4	69
7	Juxtaposition of Western Pacific Subtropical High on Asian Summer Monsoon Shapes Subtropical East Asian Precipitation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL084705.	4.0	50
8	Seasonal imprint of Holocene temperature reconstruction on the Tibetan Plateau. <i>Earth-Science Reviews</i> , 2022, 226, 103927.	9.1	47
9	Vegetation feedback causes delayed ecosystem response to East Asian Summer Monsoon Rainfall during the Holocene. <i>Nature Communications</i> , 2021, 12, 1843.	12.8	42
10	Reduced interdecadal variability of Atlantic Meridional Overturning Circulation under global warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3175-3178.	7.1	38
11	Critical transitions in Chinese dunes during the past 12,000 years. <i>Science Advances</i> , 2020, 6, eaay8020.	10.3	38
12	The Position of the Current Warm Period in the Context of the Past 22,000 Years of Summer Climate in China. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091940.	4.0	27
13	Beach ridges of Dali Lake in Inner Mongolia reveal precipitation variation during the Holocene. <i>Journal of Quaternary Science</i> , 2020, 35, 716-725.	2.1	23
14	On the stability of the Atlantic meridional overturning circulation during the last deglaciation. <i>Climate Dynamics</i> , 2015, 44, 1257-1275.	3.8	19
15	Paleoclimate Significance of Reconstructed Rainfall Isotope Changes in Asian Monsoon Region. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092460.	4.0	14
16	Varying Sensitivity of East Asia Summer Monsoon Circulation to Temperature Change Since Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2019, 46, 9103-9109.	4.0	12
17	Response of North Pacific and North Atlantic decadal variability to weak global warming. <i>Advances in Climate Change Research</i> , 2018, 9, 95-101.	5.1	9
18	Evolving AMOC multidecadal variability under different CO ₂ forcings. <i>Climate Dynamics</i> , 2021, 57, 593-610.	3.8	6

#	ARTICLE	IF	CITATIONS
19	Model proxy comparison for overshoot phenomenon of Atlantic thermohaline circulation at Bølling. <i>Science Bulletin</i> , 2014, 59, 4510-4515.	1.7	5
20	Responses and mechanisms of East Asian winter and summer monsoons to weakened Atlantic meridional overturning circulation using the FGOALS-g2 model. <i>International Journal of Climatology</i> , 2018, 38, 2618-2626.	3.5	5
21	A quantitative reconstruction of Holocene annual precipitation in the marginal zone of the East Asian summer monsoon. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 596, 110968.	2.3	5
22	Model evidence for climatic impact of thermohaline circulation on China at the century scale. <i>Science Bulletin</i> , 2010, 55, 3215-3221.	1.7	4
23	Simulated Two-Stage Recovery of Atlantic Meridional Overturning Circulation During the Last Deglaciation. <i>Geophysical Monograph Series</i> , 2011, , 75-92.	0.1	4
24	Potential forcings of summer temperature variability of the southeastern Tibetan Plateau in the past 12 ka. <i>Journal of Asian Earth Sciences</i> , 2018, 159, 34-41.	2.3	4
25	Migration of Afro-Asian Monsoon Fringe Since Last Glacial Maximum. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	4
26	Spatial variation of East Asian winter monsoon evolution between northern and southern China since the last glacial maximum. <i>Quaternary Research</i> , 2021, 103, 99-112.	1.7	3
27	Reconstructing changes in Atlantic thermohaline circulation during the 20th century under two possible scenarios. <i>Science China Earth Sciences</i> , 2013, 56, 258-269.	5.2	2
28	Reduced connection between the East Asian Summer Monsoon and Southern Hemisphere Circulation on interannual timescales under intense global warming. <i>Climate Dynamics</i> , 2018, 51, 3943-3955.	3.8	1
29	Large training dataset is crucial for analogue-based precipitation reconstruction during the early Holocene. <i>Science Bulletin</i> , 2022, , .	9.0	1
30	Reply to Parker: Robust response of AMOC interdecadal variability to future intense warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2762-E2763.	7.1	0
31	Evaluation and projection of the AMO and PDO variabilities in the CMIP5 models under different warming scenarios part2: Projection. <i>Dynamics of Atmospheres and Oceans</i> , 2022, 99, 101312.	1.8	0